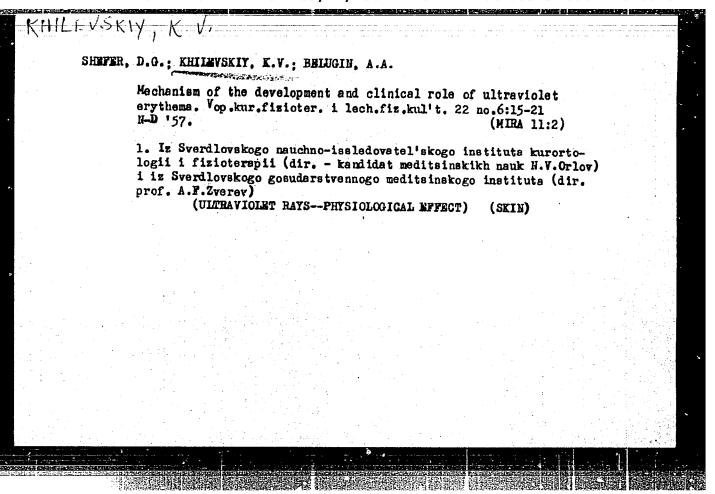
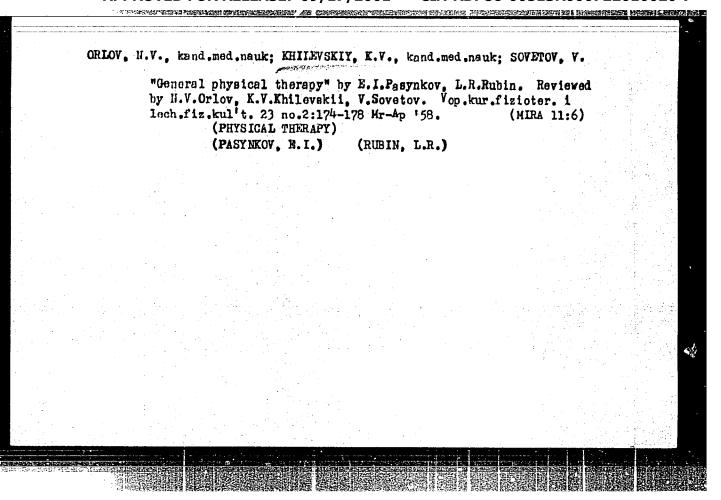
Materials on the clinical and physiological basis for using physical agents in the compound treatment of hypertension. Vop.kur.fisioter.
i lech.fis.kul't. 21 no.4:32-38 O-D '56. (HIRA 9:12)

1. Iz Sverdlovskogo nauchno-issledovatel'skogo instituta fizicheskikh metodov lechentya (nauchnyy rukovoditel' - prof. D.G.Shefor, dir. - kandidat meditsinskikh nauk N.V.Orlov)

(HYPENTENSION) (PHYSICAL THERAPY)





MAGAZANYUK, S.S., KHILEYSKIY, K.V.

Complications in treating diseases of the peripheral nervous system with galvanotherapy. Vop.kur.fisioter.i lech.fis.kul't 23 no.48 367-368 J1-Ag 158 (MIRA 11:8)

1. Is Sverdlovskogo nauchno-issledovatel'skogo instituta fizicheskikh metodov lecheniya (dir. - kand.med.nauk H.V. Orlov, nauchnyy rukovoditel' prof. D.G. Shefer).

(ELECTROTHERAPEUTICS)

(WERYOUS SYSTEM __DISHASES)

CIA-RDP86-00513R000722010020-7" **APPROVED FOR RELEASE: 09/17/2001**

CHILEVSKIY, K.V.

Effect of sleep induced by various physical agents on the effectiveness of general physical therapy for hypertensives. Vop.kur. fizioter. i lech fiz.kul't. 23 no.6:491-497 N-D '58 (MIRA 11:12)

1. Iz Sverdlovskogo nauchno-issledovatel'skogo instituta fizicheskikh lecheniya (dir. N.V. Orlov; nauch. rukovoditel' prof. D.G. Shefer).

(SIMPP--THERAPEUTIC USE)

(HYPERTENSION)

ACCESSION NR: AT4025297

8/0000/63/000/000/0086/0094

AUTHOR: Khilil', V. V.

TITLE: Passage of phase modulated oscillations through linear selective circuits, and accuracy of high speed electronic phase meters

SOURCE: Diagnostika plazmy* (Plasma diagnostics); sb. statey. Moscow, Gosatomizdat, 1963, 86-94

TOPIC TAGS: phase shifter, microwave plasma, electron density, amplification, phase shift

ABSTRACT: The sensitivity of the received signal to the amplification channel and other selective circuits in a phase shifter used to measure fast variations of electron density in a plasma is considered. In view of the complexity of the problem in general form, an approximate method is used in which the transfer function is expanded in

Card 1/2

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722010020

ACCESSION NR: AT4025297

powers of the deviation from the frequency of the microwave generator. It is assumed that a pulse-modulated signal passes through a selective channel made up of individual resonant circuits which are detuned relative to the central frequency. The best detunings and attenuations of the individual tank circuits are determined in such a way that the selective channel as a whole be optimal from the point of view of minimum signal distortion. It is shown that the distortion is small for any depth of modulation if the bandwidth is selected sufficiently large and measures are adopted to symmetrize the characteristics of the channel. The relation between the bandwidth of the selective channel and the width of the spectrum of the modulating function is determined under some simplifying assumptions for several special cases. Orig. art. has: 18 formulas.

ASSOCIATION: \ None

SUBMITTED: 190ct63

DATE ACQ: 16Apr64

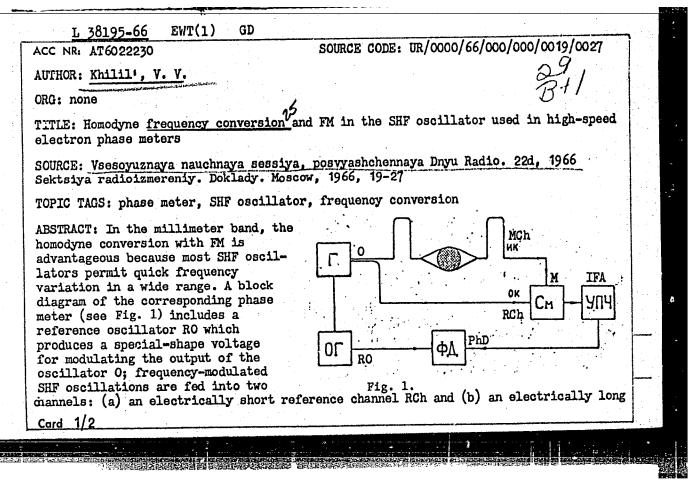
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SUB CODE: EC, ME

NR REF SOV! 002

OTHER: CO3

Cord 2/2



The known phase PhD, the latter optimal conditio the above phase modulating volta FM; the optimal the second harmo	ol MCh which introduces a delay required is measured by an indicator at the output being fed by an IF amplifier and by RO. Ons of frequency conversion are developed meter designed with an 8-mm wavelength kange was obtained by combining the first a conditions were ensured by controlling tonic. The experimental modulating-voltage cical. Orig. art. has: 4 figures and 23 first measured by controlling to control.	Formulas describing the land and a state of the phase detector Formulas describing the land. An experimental model of alystron was tested; the and the second harmonics of the amplitude and phase of a shape is in good agreement	
SUB CODE: 09 / S	SUBM DATE: 19Mar66 / ORIG REF: 004 / OTH	REF: 003/ ATD PRESS:5045	

1341

L 38268-66 EVT(1)/EEC(k)-2 GD

ACC NR: AT6022231

SOURCE CODE: UR/000/66/000/000/0027/0031

AUTHOR: Khilil', V. V.

ORG: none

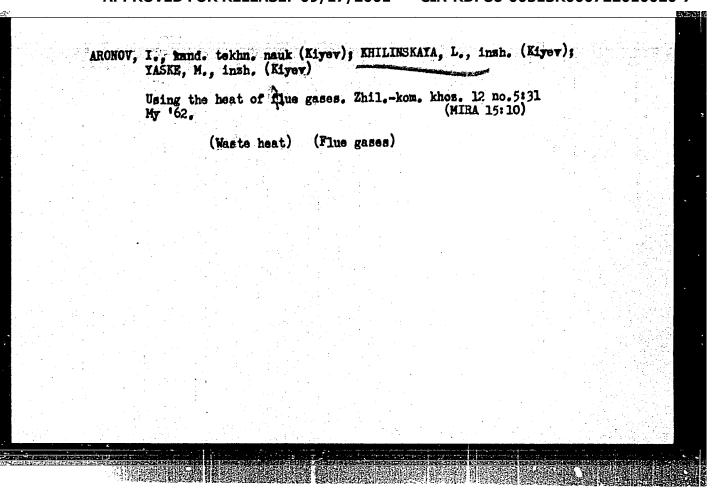
TITLE: Measuring small phase angles by the homodyne method of frequency conversion in the SHF band

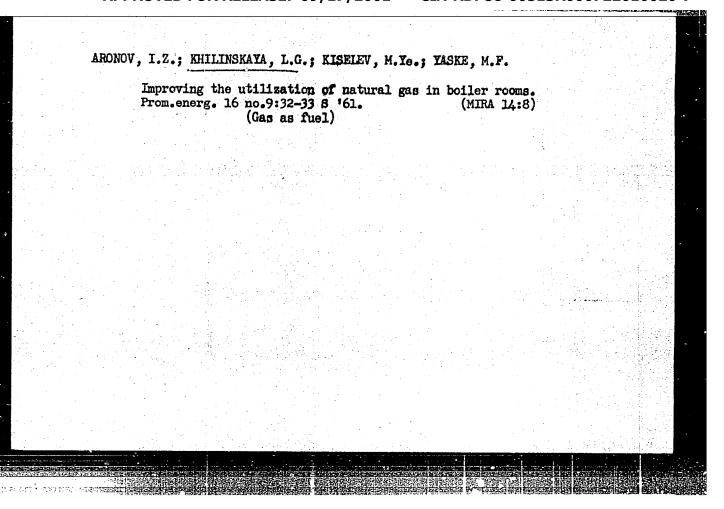
SCURCE: Vsesoyuznaya nauchnaya sessiya, posvyashchennaya Dnyu radio, 22d, 1966. Sektsiya radioizmeriniy. Doklady. Moscow, 1966, 27-31

TOPIC TAGS: phase meter, SHF oscillator, frequency conversion, gas discharge plasma

ABSTRACT: The principle of operation and the block diagram of a new homodynefrequency-conversion SHF phase meter/are given (see AT6022230). The new phase meter
with a frequency-controlled (8-mm wavelength) klystron oscillator and a modulation
frequency of 500 ke was used for investigating gas-discharge plasma processes. All
SHF-channel elements were built from standard 3.4 x 7.2-mm waveguide. Group delay
time, 5.6 x 10⁻⁸ sec (2.8% of the modulating-wave period); maximum gain, 50000;
amplifier passband, 215 kc (resolution, 10 \(\times \text{sec} \)). The phase meter was intended for
measuring phase angles about 10°; spurious modulation was reduced by using the
reference line and the measuring channel of equal lengths. It is claimed that the
phase meter has good noise rejection and permits phase-shift measurements even
under strong-noise conditions which prevail in high-temperature-plasma outfits.
Orig. art. has: 1 figure and 7 formulas.

SUB CODE: 09 / SUBM DATE: 19Mar66 / ORIGINEF: 001/ ATD PRESS:50 46





SOLLOGUB, V.B.; CHEKUNOV, A.V.; KHILINSKIY, L.A.; GARKALENKO, I.A.

Results of experimental seismic studies of the internal structure of the crystalline basement in the northern part of the Krivoy Rog Basin. Geofiz.sbor. no.1:24-31 '62. (MIRA 16:3)

1. Institut geofiziki AN UKTSR. (Krivoy Rog Basin-Seismic prospecting) (Krivoy Rog Basin-Geology, Structural)

SOLLOGUB, V.B.; LOSSOVSKIY, Ye.K.; KHILINSKIY, L.A.; GORBENKO, V.S.; SOKOLOV, B.N.;

Use of high-frequency seismic prospecting for dividing metamorphic rock complex in the Belozerka iron-ore deposit. Geofiz.sbor. no.2:46-64.

(MIRA 16:3)

1. Institut geofiziki AN UkrSSR.

(Belozerka region (Zaporozh'ye Province)—Seismic prospecting)

(Belozerka region (Zaporozh'ye Province)—Crystalline and metamorphic)

SOLLOGUB, V.B.; CHEKUNOV, A.V.; KALYUZHNAYA, L.T.; KHILINSKIY, L.A.;
KHARECHKO, G.Ye.

Internal structure of the crystalline basement in the southwestern part of the Korosten' pluton according to seismic data.
Geofiz. sbor. no. 5:122-130 '63. (MIRA 17:5)

1. Institut geofiziki AN Ukr SSR.

SOLLOGUB, V.B.; CHEKUNOV, A.V.; KALYUZHNAYA, L.T.; KHILINSKIY, L.A.

Deep-seated structure of Korosten' pluton according to seismic data.
Dokl. AN SSSR 152 no.5:1215-1217 0 '63. (MIRA 16:12)

1. Institut geofiziki AN UkrSSR. Predstavleno akademikom V.S.
Sobolevym.

SOLLOGUB, V.B.; CHEKUNOV, A.V.; PAVLENKOVA, N.I.; GARKALENKO, I.A.;

KHILLINSKIY, L.A.; SHPORT, L.P.

Crustal structure of the Crimean plain and Sivash region according to geophysical data. Sov. geol. 7 no.8:44.56.
Ag '64.

1. AN UkrSSR.

SOLLOGUB, V.B.; CHEKUNOV, A.V.; PAVLENKOVA, N.I.; KHILINSKIY, L.A.

Nature of the Novotsaritsynskaya gravity anomaly in the
Crimean plain according to seismic studies. Geofiz. sbor.
no.8:3-12 '64. (MIRA 18:6)

1. Institut geofiziki AN UkrSSR.

SOLLOGUB, V.B., doktor geol.-min.nauk; CHEKUNOV, A.V.; KALYUZHNAYA, L.T.; KHILINSKIY, L.A.

Structure of the upper part of the crystalline crust in the Obruch synecline region based on seismic data. Geofiz.sbor. no.1:18-26 (MIRA 18:12)

1. Institut geofiziki AN UkrSSR. Submitted June 19, 1964.

Challty is of utmost importance. Vest. sviazi 23 no.9:31 S '63. (MIRA 16:10) 1. Predsedatel' gruppy sodeystviya organam partiyno-gosudarstvennogo kontrolya na Kiyevskom tsentral'nom telegrafe.

Use all means to eliminate shortcomings, Vest, sviazi 24 no.9:24
S '64. (MIRA 17:11)

1. Predsedatel' gruppy sodeystviya partiyno-gosudarstvennomu kontrolyu pri Kiyevskom tsentral'nom telegrafe.

KHILKEVICH HIT Cultivated Plants. Fruits. Berries. Nuts. Tea. Comment 11.73404.0 ABS. JOUR.: Ref Zaur -Biologiya, No. 5, 1959, No. 20487 : Khil'kevioh, M. anthror : Novo-Dzhankouskiy Sovkhez, Crimea INCT. : Accelerating the Training of Grape Vines. CITLE Vinogradarstvo i sadovodatvo Kryma, 1958, No.3, ORIG. PUB.: 11-15 ABSTRACT : A production trial of methods of speeding up the traning of the vines at Novo-Dzhankovskiy Sovkhoz (in the Crimea) has demonstrated that acceleration of training by the side-shoot method and by bending the vines provides for young grapevines setting about fruiting in the third year of vegetation with a productivity of 30-35 cwt/ha. Both methods produced identical yields and quality. In association with the fact that bending the vines can be CARD: 1/2

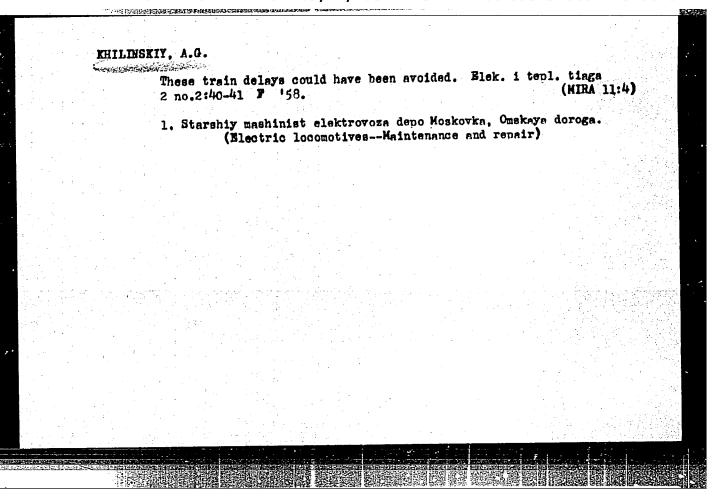
It (a) From I now in the Property Hers of Acade Desiry, 24., doners, 1995 Malay wentably andstyle patenty fittin (Propert of Series Electrical Malay wentably undertyle patenty fittin (Propert of Series Electrical Malay Profess) Malay All Milhaner, Academician VI. Valuer, Residentias and Malay Profess prices. Malay Resident of Properts and Properts of Series I Est Truck, Val. 1) Malay Resident of Malay Research, Continued for Calculating and Milhametted Malay Profess Interested and No. Electrical Sciences of Physical and Milhametted Malay Profess Interested and the Mary Malay Sci. Mal. 10.1. Malay Malay Malay Profess Interested and Malay Sci. Malay Sci. Malay Profess Malay Profess Interested and Malay Sci. Malay Malay Sci. Malay	paperts of fortes Scientists; Buchen (cont.) 607/2011 Lattymer, S. M., and V.I. Minitors. Spectroscopie Start of Eigh Tempir- Lattymer, S. M., and V.I. Minitors. Spectroscopie Start of Eigh Tempir- Eight and Eight (Ed.) 60. September, M. S. Myrharz, L.V. Endowy, L.M. Eight (E. M. E.) 1. Spectroscopy, M. S. Minitor, M. S. Myrharz, L. M. Endowy, L.M. Spilly. E. M. M. Them September, M. S. Myrharz, L. M. Engels, M. S. Myrharz, L. M. Engels, M. S. Myrharz, L. M. Engels, M. M. S. Myrharz, L. Manner, M. M. Myrharz, M. M
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BONDARENKO, S.A.; DONDAREVSKIY, S.N.; KHILIN, M.S.; KATS, Ye.A. (g. Kuybyshev); KRIVOV, N.V. (Stalinskaya oblast*); MULTAMOVSKIY, V.V.

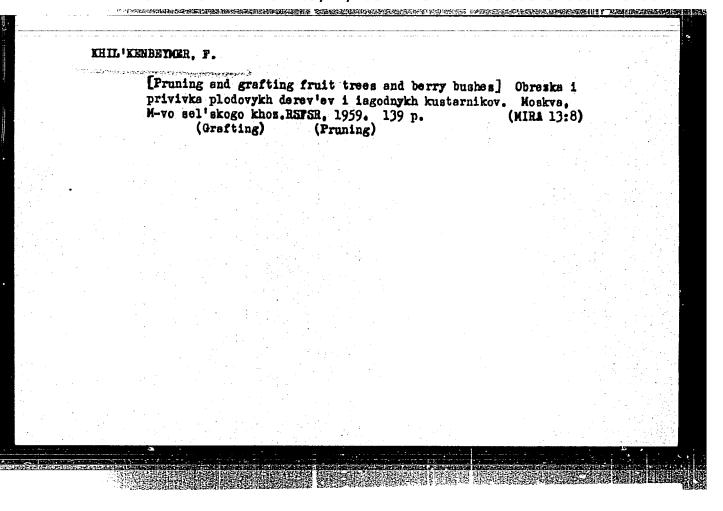
Teachers' letters on a physics textbook. Fiz. v shkole 17 no.3; 76-77 My-Je '57. (MLRA 10:6)

1. 5-ya srednyaya shkola, g. Kamensk-Shakhtinskiy (for Bondarenko). 2.10ya srednyaya shkola, st. Kiyev (for Bondarevskiy). 3. 1-ya srednyaya shkola, Belgorodskyaya oblast', g. Oubkin (for Khilin). 4.1-ya Belokholunitskaya srednyaya shkola Kirovskoy oblasti (for Multanovskiy).

(Physics--Textbooks)

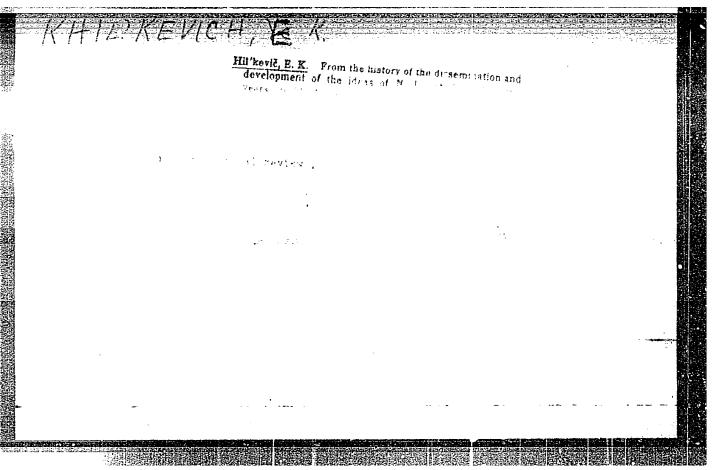


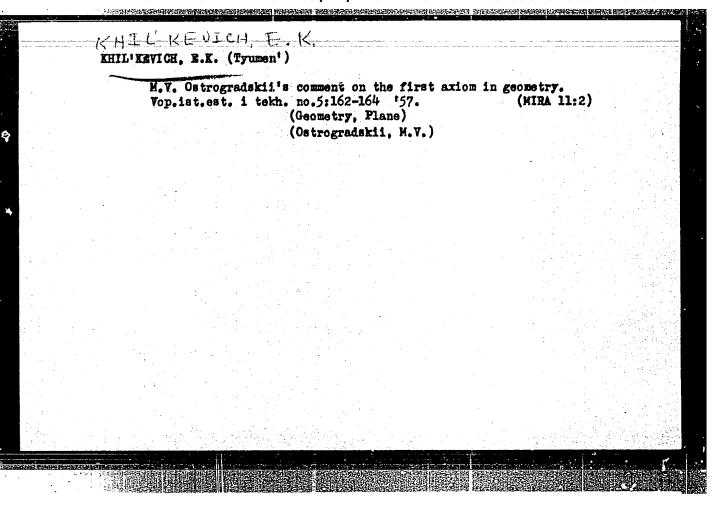
Reliable circuit for the protection of contactors. Elek. 1					
	tepl. tiage 4 no.	9138-39 8 160.	or contagenes.	(MIRA 13:12)	
	1. Depo Moskovka (Electric	Omskoy dorogi. locomotives)	(Electric conf	actors)	
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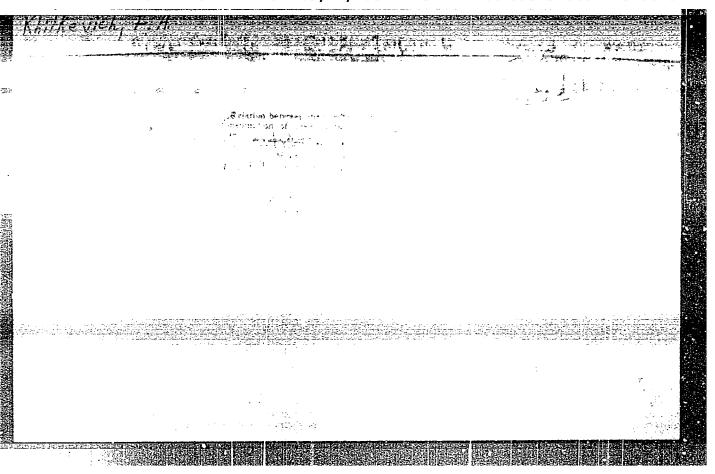


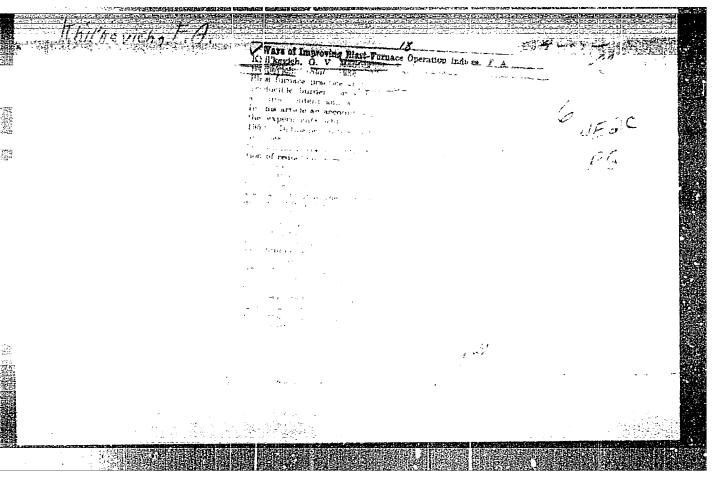
AKULINICHEV, I.T.; ANDREYEV, L.F.; BAYEVSKIY, R.M.; BAYKOV, A.Ye.: BUYLOV, G.G.
GAZENKO, O.G.; GRYUNTAL', R.G.; ZAZYKIN, K.P.; KLIMENTOV, Yu.F.;
MAKSIMOV, D.G.; MERKUSHKIN, Yu.G.; MONAKHOV, A.V.; PETROV, A.P.;
RYABCHENKOV, A.D.; SAZONOV, N.P.; UTYAMYSHEV, R.I.; FREYDEL', V.R.;
KHIL!KEVICH, B.G.; SHADRINTSEV, I.S.; SHEVANDINA, S.B.; ESAULOV, N.G.; YAZDOVSKIY, V.I.

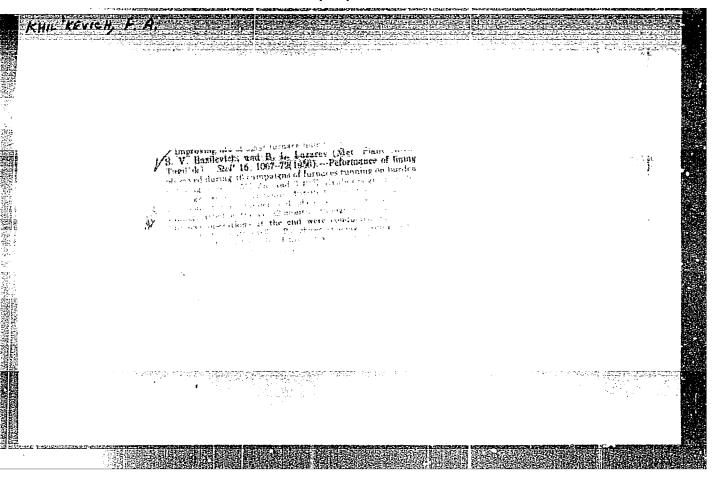
> Method and means of medical and biological studies in a space flight. Probl. kosm. biol. 3:130-144 '64. (MIRA 17:6)

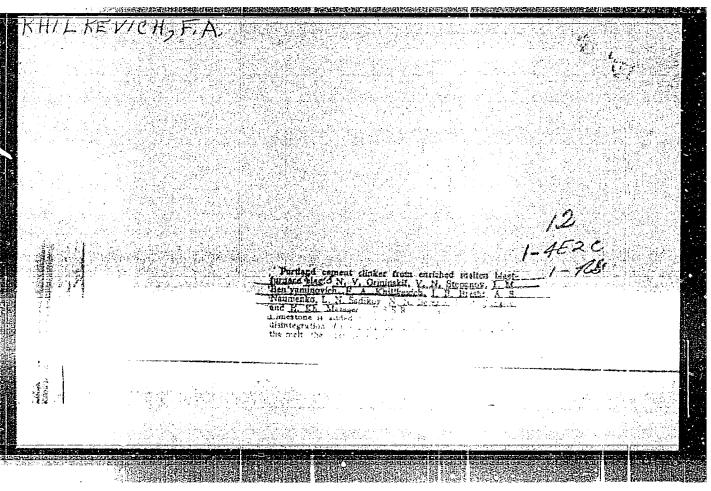












130 - 6 - 3/27

AUTHORS: Khil'kevich, F.A., Lazarev, B.L. and Bazilevich, S.V.

TITLE: Blast furnace operation with oxygenated blast. (Rabota domennykh pechey na dut ye, obogashchennom kislorodom).

PERIODICAL: "Metallurg" (Metallurgist), 1957, No.6, pp.3-7 (USSR).

ABSTRACT: The use of oxygenated blast for producing steel-making pig iron and ferromanganese in blast furnaces 1386 and 1100 m³ in useful volume and operating with medium top pressure, respectively, is described. The experiments were carried out at the Nizhne-Tagil'sk metallurgical combine in 1956-57 jointly with the Central Research Institute of Ferrous Metallurgy and were reported at the recent All-Union Blast-Furnace Conference. The pig iron (0.6% Si, 1% Mn, 0.04% S, 0.2% P) was melted from a mixture of fluxed and unfluxed sinters and magnetite ores. The reducibility and strength of the burden were low. A 90-day trial period with ordinary blast was followed by a total of 6 days with oxygenation to 22.19% O2, 14 days at 23.3% O2 and 8 at 24% O2. Blast moisture was kept constant at 20 g/m³, blast volume was reduced to keep the time rate of gas production constant and blast temperature was increased. Throat CO2-content traverses show that good distribution was maintained, and the operating characteristics of the furnace (coke rate,

Card 1/2

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productivity, CO/CO₂ ratio and calorific value of top gas, coke-burning rate) were better in the oxygenated-blast periods, but the practice is complicated by the deterioration in raw material quality which occurred in part of the 24% period; without this deterioration the productivity was 2063 tons per day compared with 1915 without oxygenation. Because of high oxygen costs at the works direct production costs of the iron were slightly higher with oxygen-enriched blast, but this was offset by improvement in various factors. The manganese ore from which ferromanganese was melted contained much fines and high production rates were difficult to achieve. Oxygenation to 24.3% O₂ for a month gave a productivity increase of 11.2% (from 399.7 to 447.0 tons/day). A relatively acid((CaO + MgO)/SiO₂ = 1.10 to 1.15) slag was used and blast temperatures were about 1000 C. In general the results are considered to show that it is advantageous to use cxygenated blast for operation on prepared charges.

ASSOCIATION: Nizhne-Tagil'sk Metallurgical Combine. (Nizhne-Tagil'skiy Metallurgicheskiy Kombinat).

AVAILABLE:

Card 2/2

YHIL'KEVICH.

Zakharov, A.F., Khil'kevich, F.A., Bazilevich, S.V. and Lazarev, B.L., Engineers. AUTHOR:

Smelting of Ferro-manganese in a Large Blast Furnace TITLE: (Vyplavka ferromargantsa v bol'shoy domennoy pechi)

PERIODICAL: Stal', 1957, No.7, pp. 580 - 584 (USSR)

ABSTRACT: In 1956, the smelting of ferro-manganese was carried out in a large furnace (No.2 furnace Nizhne Tagil'skiy Works) (1 100 m²) with high top pressure (0.5 atm.) and oxygenenriched blast (up to 24.5%). The preparation of the furnace for the transfer from foundry iron to ferro-manganese production, characteristic of raw meterials, operational practice and the results obtained are described. The profile of the furnace and the distribution of CO, in the top gas along the

throat diameter are shown in Figs. 1 and 2, respectively. Material and heat balances are given in Tables 1 and 2, respectively. The comparison of main indices of heat balances of smelting ferro-manganese in three different works is given in Table 3. In addition, the distribution of temperatures and changes in the gas composition along the height of the furnace stack (Fig. 3) and the composition of gas in the combustion Card 1/2zone (Fig. 4) were studied. It is concluded that on smelting

133-8-1/28

AUTHORS: Bardin, I.P. (Academician), Trekalo, S.K. (Cand. Tech. S. Zakharov, A.F. (Eng.), Khil'kevich, F.A. (Eng.), and (Cand. Tech. Sci.),

Lazarev, B.L. (Eng.)

Smelting of basic pig iron with oxygen enriched blast. TITLE:

(Vyplavka peredel nogo chuguna na dut ye, obogashchennom

kislorodom).

KHTKE

PERIODICAL: "Stal'" (Steel), No.8, 1957, pp.673-684 (USSR).

ABSTRACT: The influence of oxygen enriched blast on the operation of a large blast furnace with a normal profile operating on a prepared burden was investigated. The profile of the furnace is given in Fig.1. The preparation of burden materials is described, their chemical composition during the individual operating periods and physical properties of coke used are given in Tables 1 and 2 respectively. The mean composition of the burden, furnace lining (Fig.2), the composition of pig and top pressure during the individual operating periods was practically the same.

The following operating periods are considered: Card 1/5

133-8-1/28

Smelting of basic pig iron with oxygen enriched blast. (Cont)

Period	Date	Oxygen content in blast,%
	1,4-30,6	21.0
τī	25 .7-3 0.7	2 2. 19
ĪĪI	31.7-10.8	23.30
777	2022.8	
IV	11.8-19.8	24. 0
v	1.9-28.9	21.0

The operating results obtained during the individual periods are given in Table 3. Operating conditions during the last period V deteriorated due to the formation of a scaffold and deterioration in the state of charging equipment, therefore this period was excluded from further comparison. Daily variations of basic operating factors during the smelting of iron with normal and oxygen enriched plast are shown in Figs.3 and 4 respectively. The influence of oxygen enrichment on the amounts of blast and gas made, CO content in gas and gas made to blast ratio is shown in Fig.5. The comparison of the intensification of the smelting process when using oxygen enrichment under conditions of (a) constant amount of blast and (b) constant amount of gas made per unit time is shown in Fig.6. Material balances

Card 2/5

133-8-1/28

Smelting of basic pig iron with oxygen enriched blast. APPROVED TO RELEASE: 09/17/2001 CIA-RDP86-00513R000722010020-7

of the smelting process during the individual periods operating factors and heat balances for the same periods are given in Tables 4, 5 and 6 respectively. The distribution of CO, content in the top gas along the throat diameter during the individual operating periods is shown in Fig.7. Variations in the composition and temperature of gas at various furnace levels during the individual operating periods are shown in Figs.8 and 9. Methods used for the determination of the above data are not given. The comparison of cost of production per ton of pig with normal (A) and oxygen enriched (B) blast is given in Table 7. It is concluded that: 1) operation of the furnace with oxygen enriched blast was stable without increasing moisture content of blast. The temperature of the blast was increased by 35-45 C in comparison with the operation on normal blast; 2) oxygen enrichment permitted intensifying furnace driving within the limits of retaining the amount of gas produced per unit of time on the same level as in normal operation; 3) the distribution of the gas stream across the furnace during operation with enriched blast remained normal which was the main factor contributing to

Card 3/5

KHILL KEVICH, F.H.

133-9-1/23

AUTHOR: Khil'kevich, F.A. and Bazilevich, S.V., Engineers.

TITIE: An Investigation of the Service Life of Carbon Lining in the Blast Furnace Stack. (Issledovaniye raboty uglerodistoy futerovki shakhty domennoy pechi)

PERIODICAL: Stal', 1957, No.9, pp. 769 - 771 (USSR)

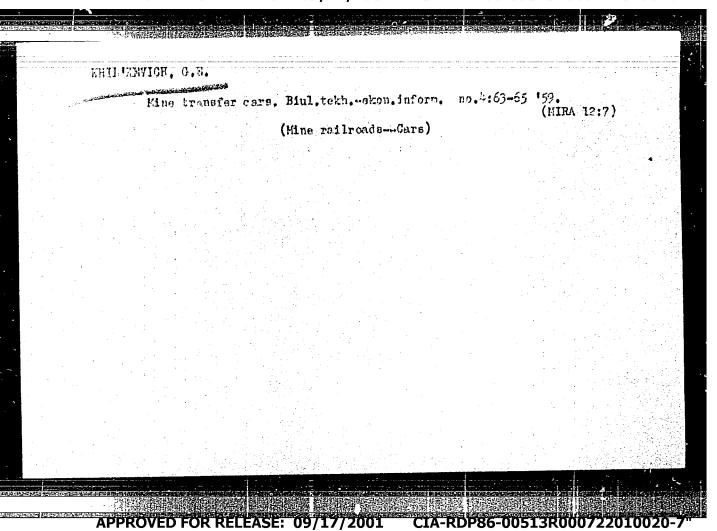
ABSTRACT: The service life of the chamotte lining of blast furnace stack on the above works was lately about 2 - 2.5 years. Moreover, the presence of zinc in the burden increased the erosion of lining and occasionally caused bursting of the shell. In October, 1956, the bottom 7.2 m of the stack of the No.3 furnace was relined with carbon blocks (Fig.1). For the cooling of the carbon lining three rows of plate-coolers placed close up to the external surface of the carbon blocks were used. The seams between the blocks were filled with paste made from foundry coke (0 - 0.5 mm fraction) - 50%, pitch - 22.5% and anthracene oil - 27.5%. The lentil was smoothed with a chamotte-cement tie piece on to which two rows of chamotte bricks were placed followed by a row of lentil coolers on to which the first row of carbon blocks was placed. A number of thermocouples in sheaths was placed into holes drilled in the carbon blocks and connected to recording galvanometers. The temperature of the lining during Cardl/3 the heating-up period is shown in Fig.2. Calculated temperature

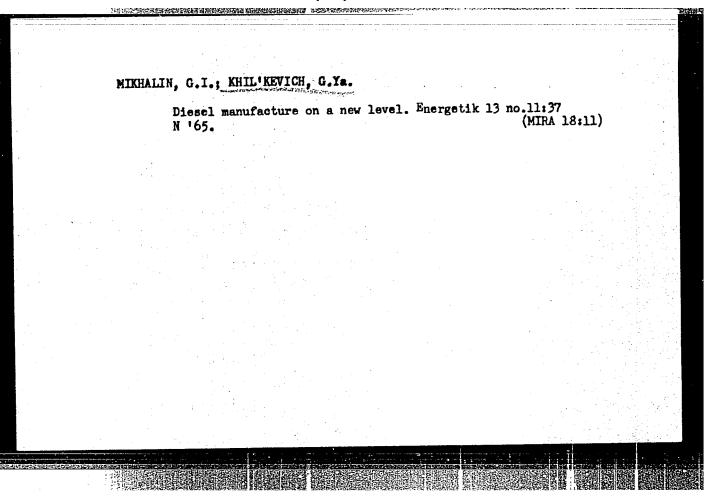
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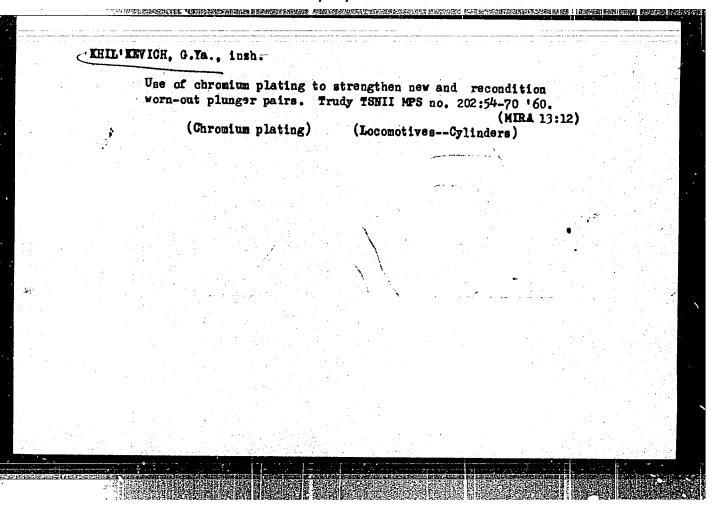
An Investigation of the Service Life of Carbon Lining in the Blast Furnace Stack.

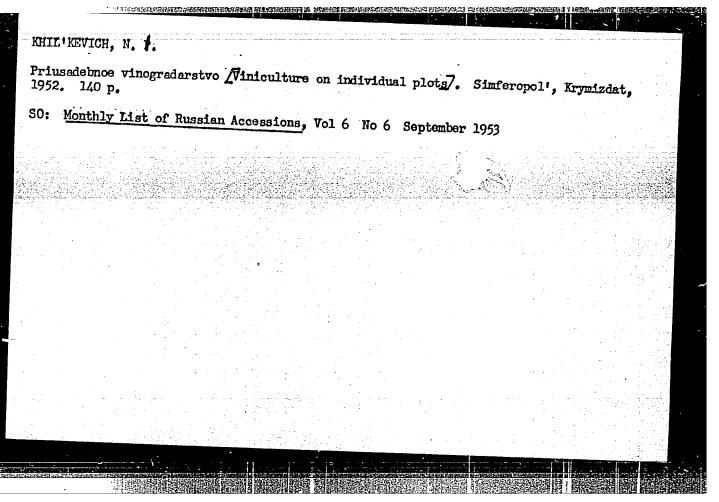
distribution in the carbon lining is shown in Fig. 3. Indications of thermocouples inserted 340 mm into the carbon lining remained during 5 months of the furnace operation on the same level as after blowing in (Fig. 4). A high sensitivity of thermocouples (placed near to the hot surface of the lining) to changes in the gas flow in the stack can be used for the control of furnace operation. In order to evaluate the gas permeability of carbon lining measurement of gas pressures on hot and cold surfaces of the lining was carried out. Pressure in the furnace on level 5 (6 100 mm from the lentil) was on average 1.25 atm. gage, and the gas pressure on the cold side of the lining rose and after 9 days reached a maximum (pressure drop 0.59 atm.). Then pressure drop began to increase and stabilised at 1.23 atm., which was apparently due to an intense deposition of zinc in seams. After 30 days of operation when changing thermccouples a thick layer of metallic zinc on the walls of the thermocouple hole was noticed. The gas composition on the hot and cold sides of the carbon lining was practically identical. On the 32nd day, the shell cracked. It was welded but cracking continued due to an intense deposition of zinc in the lining. To prevent the depo-Card2/3sition of zinc in the lining itself the authors proposed a

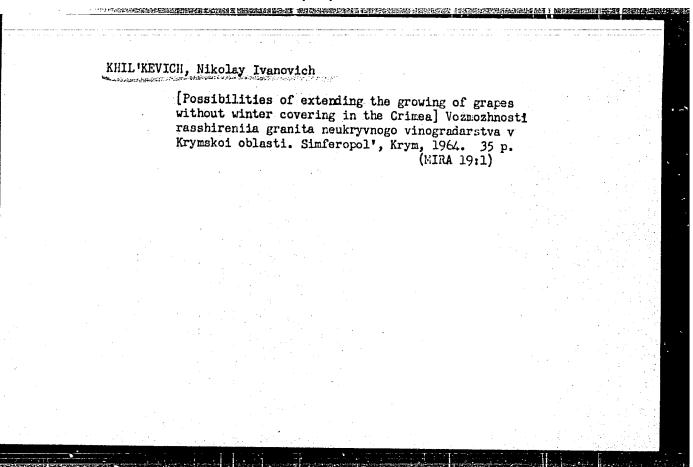
in the editorial note of not much use for preventing the gracking of the shell. In conclusion it is stated that carbon-lining is more stable than changing and therefore its thickness can

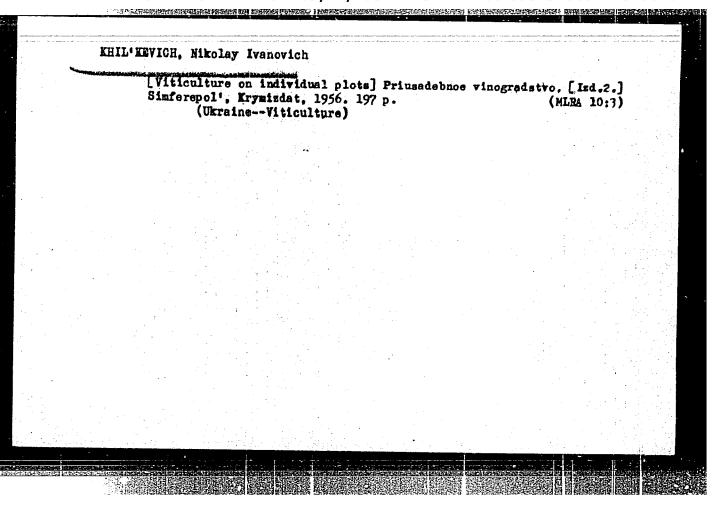












- 1, KHIL'KEVICH, N. N., BOYKO, D. K.
- 2. USSR (600)
- 4. Milking
- 7. Practice of stripping cows. Dost sel'khoz No 12 1952.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

KHIL'KEVICH, N. M., Cand Vet Sci -- (diss) "Ovarioectomy in Ewes and Its Significance for Fattening." Yerevan, 1956.
24 pp; 1 sheet of tables (Min of Agriculture USSR, Yerevan Zooveterinary Inst), 130 copies (KL, 48-57, 108)

- 53 -

USSR/Human and Animal Physiology. Blood. Formed Elements of Blood.

22-4

Abs Jour: Ref Zhur-Biol., No 12, 1958, 55449.

Author : Khil'kevich, N.M.

Inst : North Osetia Institute of Agriculture.

Title : The Leukocyte Count in Milk and the Significance of

this Method for the Diagnosis of Mastitis in Cows.

Orig Pub: Tr. Severo-Osetinsk. s.-kh. in-ta, 1956, 17, 305-312.

Abstract: Milk was poured into a mixer until the 0.5 mark was

reached. Then, the Giensa solution (5 drops in 1 ml of distilled water) was added until the mark of 11 was reached, or a mixture of equal amounts of the following solutions was used: tripanic blue (0.1 gr in 200 ml of distilled water) and easin (0.1 gr in 200 ml of

Card: 1/3

53

APPROVED FOR RELEASE: 09/17/2001. FoCIA-RDPS6:00513R000722010020-7

Abs Jour: Ref Zhur-Biol., No 12, 1958, 55449.

distilled water). The leukocytes (L)were counted in the chamber of Goryayev. The tests were performed on 32 healthy cows, on 36 cows with acute mastitis, and on 31 cows with chronic mastitis (M). Up to 382 L per 1 mm3 were counted in the milk of healthy cows (here, lymphocytes predominated). 15,000-25,000 and more L per 1 mm3 were counted in the milk taken from infected parts of the udder when acute, especially purulent M was present. In the presence of fibrinous M, 12,000-22,000 L per 1 mm3 and more were counted, at the presence of serous M the L count per 1 mm3 was 2,800-11,000, and at the presence of catarrhal M, the count amounted to 4,000-16,000 L per 1 mm3.

Card : 2/3

KhIL KEVICH N.M.

USSR / Farm Animals. Small Hornod Stock.

Abs Jour: Rof Zhur-Biol., No 23, 1958, 105693.

Author : Khil kovich, N. M.
Inst : North Ossotia Agricultural Institute.

: Topographic Anatomy of the Soft Abdominal Wall Titlo

of Shoop.

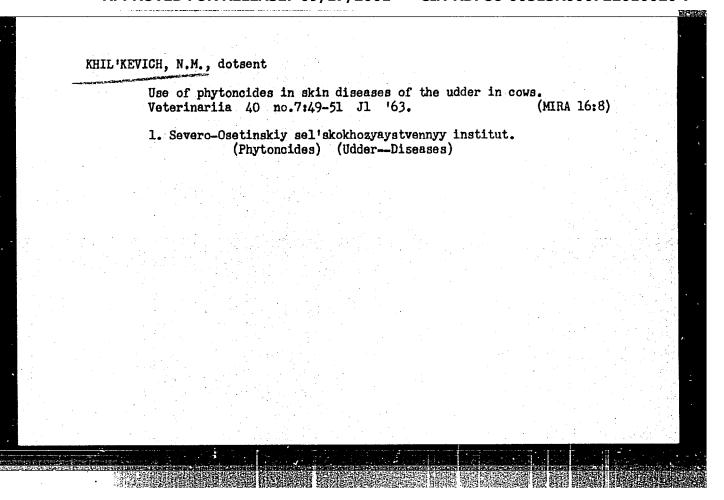
Orig Pub: Tr. Sov.-Osotinsk. s.-kh in-ta, 1957, 19, 253-

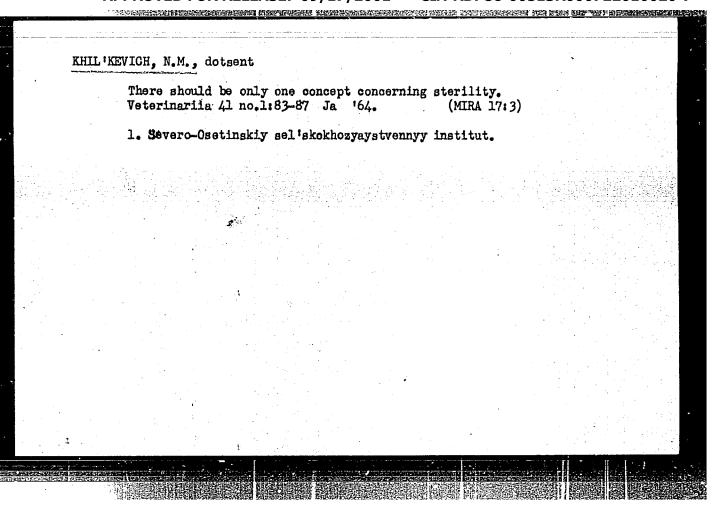
Abstract: The experiments carried out on 26 shoop from

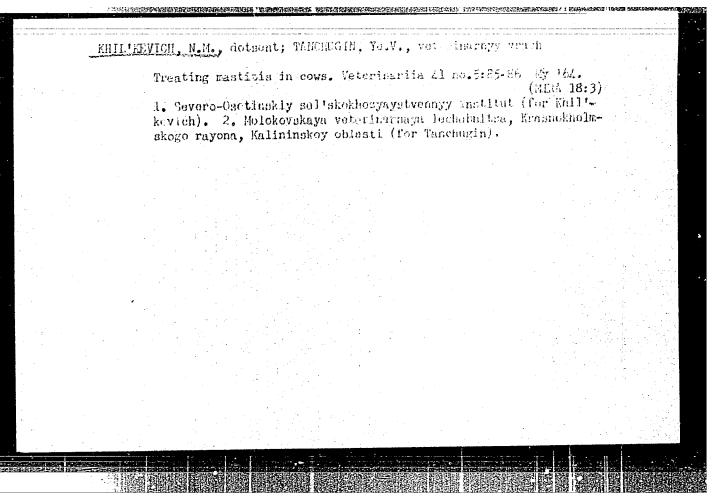
six months to eight years old, belonging to the broads of Soviet Morino, Ossotian, Bozakh and hybrids Ossetian x Soviet Merino, and performed partly by means of the perfusion of blood vessels, showed that the soft abdominal wall (SAW) of shoop is well developed. Between all the lay-

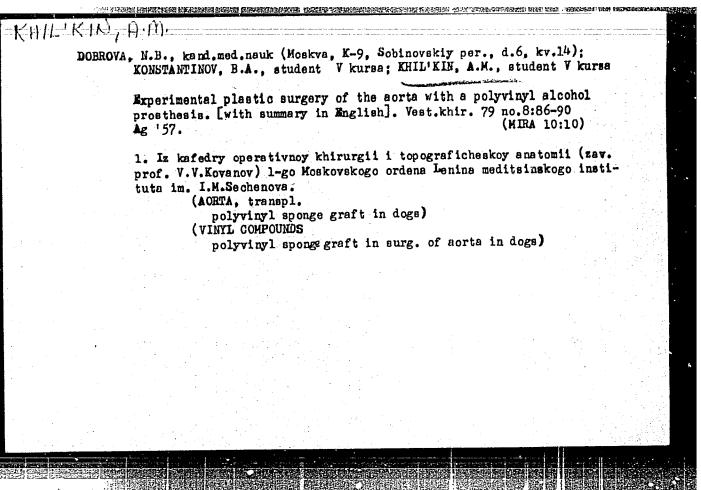
ers of SAW there is a porous collular tissue which

Card 2/









MIKAYELYAN, A.L.; KHIL'KIN, A.H.

Surgical treatment of aortic valve insufficiency; review of the literature. Eksp.khir. 4 no.3:50-59 My-Je '59.

(MIRA 12:8)

1. Iz kafodry grudnoy khirurgii i anestesiologii (zav. - prof. Ne. Meshalkin) TSentral'nogo instituta usovershenetvovaniya vrachey i kafedry operativnoy khirurgii i topograficheskoy anatomii (zav. - prof. V.V. Kovanov) I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.H. Sechenova.

(AORTIC VALVE, dis.

insuff., surg., review (Rus))

DOBROVA, N.B., kand. med. nauk (Moskva, K-9, Sobinovskiy per. d.6, kv. 14)

KONSTANTINOV, B.A.; KHIL'KIN, A.M.

Pronhylaxis and treatment of oardiac complications in surgery of the heart and large vessels under hypothermia. Vest. khir. 82 no.5; 90-94 My 159.

(MIRA 12:7)

1. Iz kafedry operativnoy khirurgii (zav. - prof. V.V. Kovamov) 1-go Hoskovskogo ordena Lenina meditsinskogo instituta im. I.M. Sechenova. (HEART-SURGERY)

SOLOVITEV, G.M., starshiy nauchnyy sotrudnik; SHUMAKOV, V.I., kand.msd.
nauk; KHIL'KIN, A.M., aspirant

Method for longitudinal sternotomy in approaching the heart.
Vest.khir. 86 no.3238-43 Mr '61. (MIR4 14:3)

1. Iz gospital'noy khirurgicheskoy kliniki (dir. - prof. B.V.
Petrovekiy) i kafedry operativnoy khirurgii (zav. - prof. V.V.
Kovanov) l-go Moskovskogo ordena Lenina meditsinskogo instituta
in. I.M. Sechenova.
(HEART—SURGERY) (STERNUM—SURGERY)

KHILIKIN, A. M. (Moskva, 2-ya Cheremushkinskaya ul., d. 17, korp. 1, kv. 51; KHUDYAKOVA, M. I.

Surgical anatomy of the acrtic valve. Grud. khir. no.5:3-7 161. (MIRA 15:2)

1. Kafedra operativnoy khirurgii i topograficheskoy anatomii (zav. - chlen-korrespondent AMN SSSR prof. V. V. Kovanov) I Moskovskogo ordena Lenina meditsinskogo instituta imeni I. M. Sechenova.

(AORTIC VALVE)

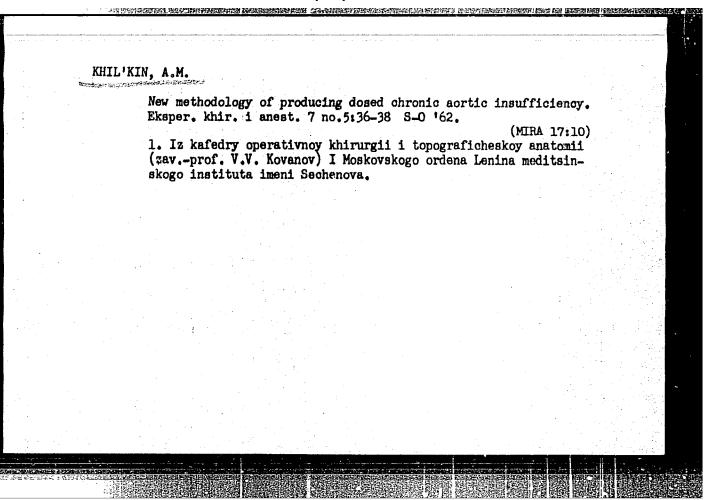
KHIL'KIN, A.M. (Moskva, 2-ya Cheremushkinskaya ul., d.9, kv.51);

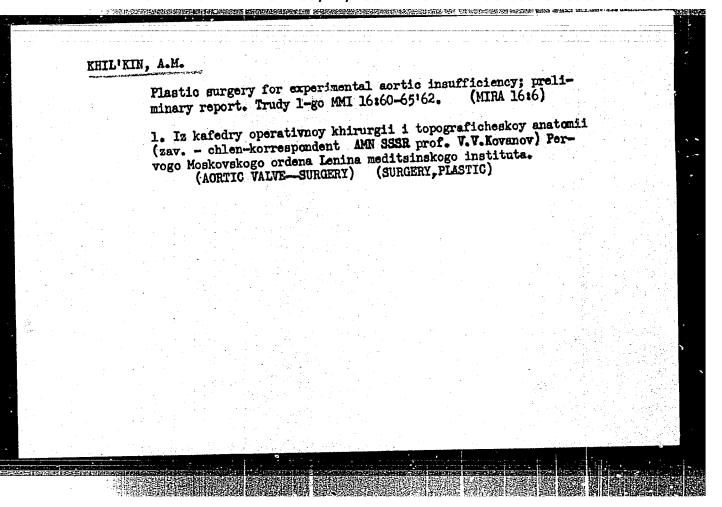
LEMENEY, V.L.

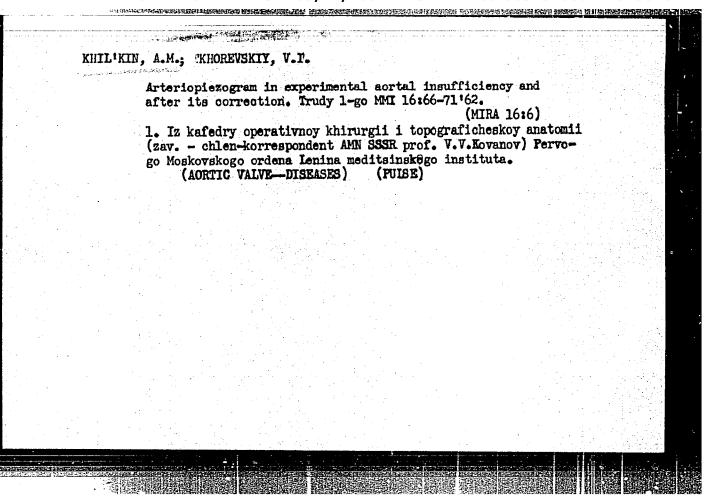
Topographical anatomical approaches in diseases of the acrtic valves. Grud. khir. 2 no.4:15-19 Jl-Ag '60. (MIRA 15:6)

1. Iz kafedry operativncy khirurgii I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M. Sechenova (zav. - prof. V.V. Kovanov) i khirurgicheskoy kliniki (zav. - prof. D.M. Grozdov) TSentral'nogo ordena Lenina instituta gematologii i perelivaniya krovi (dir. - deystvitel'nyy chlen AMN SSSR prof. A.A. Bagdasarov).

(ACRTIC VALVE—SURGERY)







DOBROVA, N.B.; KONSTANTINOV, B.A.; KHIL!KIN, A.M.

Experimental use of a cardiopulmonary preparation in surgery for the replacement of the ascending aorta and the arch.

Trudy 1-go MMI 16:80-85'62. (MIRA 16:6)

1. Iz kafedry operativnoy khirurgii i topograficheskoy anatomii (zav. - chlen-korrespondent AMN SSSR prof. V.V.Kovanov)

Pervogo Moskovskogo ordena Lenina (AORTA-SURGERY) (SURGERY, PLASTIC)

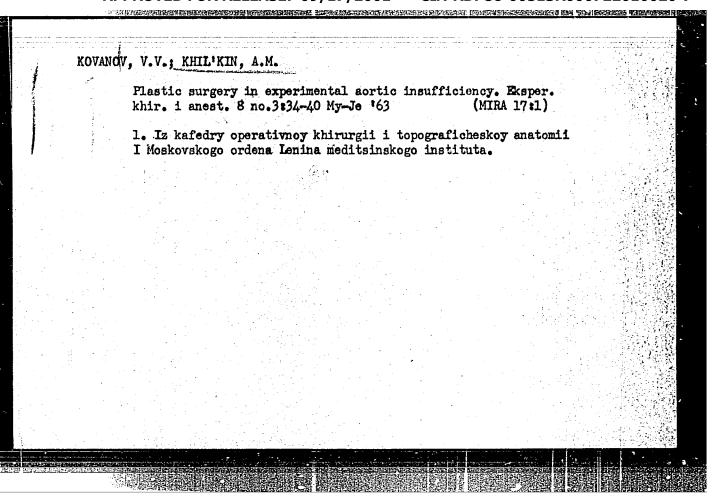
DOEROVA, N.B.; KONSTANTINOV, B.A.; KHILIKIN, A.M.

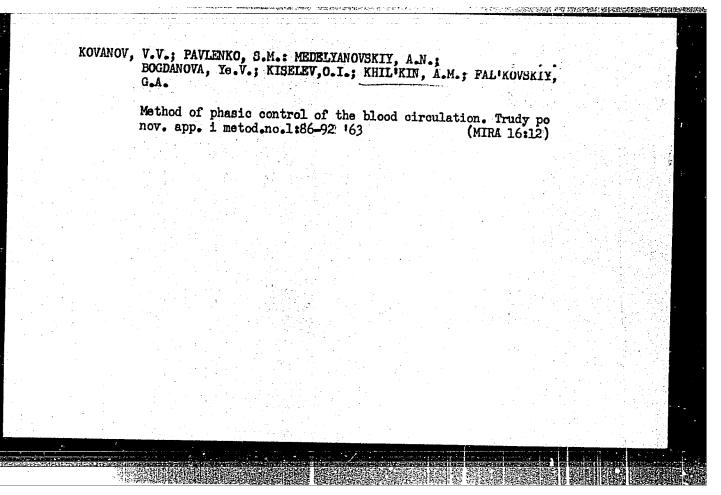
Method of switching arteries and temporary chunting in

surgery for the replacement of the aortal arch in an experiment. Trudy 1-go MMI 16:72-79'62. (MIRA 16:6)

1. Iz kafedry operativnoy khirurgii i topograficheskoy anatomii (zav. - chlen-korrespondent AMN SSSR prof. V.V.Kovanov)
Pervogo Moskovskogo otdena Lenina meditsinskogo instituta.

(ARTERIES—SURGERY)





FEL'DMAN, S.B.; MEYERSON, F.Z.; MARKOVSKAYA, G.I.; SHENDEROV, S.M.; KHIL'KIN, A.M.

Comparative studies on the duration of systolic phases and intracardiac hemodynamics in progressive experimental aortic diseases. Kardiologiia 5 no.2:28-31 Mr-Ap '65. (MIRA 18:7)

1. Propedevticheskaya terapavticheskaya klinika (zav. - deystvitel'nyy chlen AMN SSSR prof. V.Kh.Vasilenko) I Moskovskogo meditsinskogo instituta imeni I.M.Sechenova i laboratoriya fiziologii i patologii serdtsa Instituta normal'noy i patologicheskoy fiziologii (direktor - deystvitel'nyy chlen AMN SSSR prof. V.V.Parin) AMN SSSR.

KHIL'KIN, A.M.; DRONOV, A.F.; SHEKHTER, A.B.; KUT'IN, V.A.; ISTRANOV, L.F.; KASPARYANTS, S.A.

Use of semibiologic prostheses in vascular surgery. Report No.1. Eksper. khir. i anest. no.1:26-30 '65. (MIRA 18:11)

1. I Moskovskiy ordena Lenina meditsinskiy institut imeni I.M. Sechenova (direktor - deystvitel'nyy chlen AMN SSSR prof. V.V. Kovanov), Tekhnologicheskiy institut legkoy promyshlennosti (direktor - prof. I.P. Strakhov), Vsesoyuznyy muchno-issledo-vatel'skiy institut kozhevennoy promyshlennosti (direktor - B.D. Breyev), Moskva.

FOGREBITSEIT, B.D. [Pohrebyts'kyi, R.D.], insh., EHAZAMET, L.L., insh.;
EHIL'EO, A.V. [Khyl'ko, A.V.], insh.

BSE-1,5 bulldoser-soraper. Makh. eil'. hosp. 11 no.11:27-28 M '60.
(MIRA 13:11)

(Tarm equipment)

Working with raw meat products. Obshchestv.pit. no.7:30 Jl '60. (MIRA 13:8) 1. Glavnyy bukhgalter Dnepropetrovskogo tresta stolovykh. (Dnepropetrovsk—Restaurants, lunchrooms, etc.)	KHIL'KO		
		(MIRA 13:8) 1. Glavnyy bukhzalter Dnepropetroyskogo tresta stolovykh.	

Treatment of durine in horses. Veterinariia 36 no.2:40 F '59.

(MRA 12:2)

1. Glavnyy vetvrach Konstantinovskogo rayona (for Knil'ko). 2. Zaveduyushchiy Drughkovskoy gorvetlechebnitsey (for Ostapenko).

(Dourine)

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP8

CIA-RDP86-00513R000722010020-7

SOV/58-59-5-11624

Translation from: Referativnyy Zhurnal Fizika, 1959, Nr 5, p 243 (USSR)

AUTHOR:

Khil'ko, U.I.

TITLE:

Electrooptical Properties of Colloids

PERIODICAL:

Sb. rabot stud. nauchn. o-va. Leningr, in-t tochnoy mekhan, i optiki,

1958, Nr 35, pp 50 - 56

ABSTRACT:

The author investigates optical anisotropy in solutions of lyophobic colloids the molecules of which are strong dipoles. When a \(\begin{align*} \text{-pulsed} \) electric field is applied to a vessel containing such a solution, polarized light passing through this vessel is intensity-modulated with the frequency of the change in the \(\begin{align*} \text{-pulses} \). The modulation of the light is recorded on an oscillograph. The author determines the geometrical position of the axis of greatest absorption for nonspherical molecules by monographs the distributed at the strength of the strength o

molecules by measuring the dichroism in laminar flow.

L.D. Rozenshteyn

Card 1/1

Tolstoy	. H.A.; SPARTAKOV, A.A.; CHILLEO, G.I.		
	Electrooptical properties of lyophobic colloids. Statement of the problem, principal methods and re Koll. shur. 22 no. 6:705-716 N-D 160.	Part 1: sults. (MIRA 13:12)	
	l. Leningradskiy tokhnologicheskiy institut imeni Kafedra fiziki.	Lensoveta,	
	(ColloidsOptical properties)		
	등을 보면하는 사실을 받아 있는 것이 되었다. 그는 그리고 있는 것이 없는 것이 되었다. 그는 이 이어지도 보고 있다면, 것이 되어 있는 사람들이 되었다.		
	로마 그림 시간 등록하고 프랑프라 보이는 이번 가는 것이 됩니다. 		

24.2600

h3119 s/181/62/004/011/018/049 B104/B102

AUTHORS:

Tolstoy, N. A., Khil'ko, G. I., Ryskin, A. I., and Trusov, A. A.

TITLE:

The relation between the luminescence and photoelectric

properties in a ZnS-Mn phosphor

PERIODICAL: Fizika tverdogo tela, v. 4, no. 11, 1962, 3177 - 3184

TEXT: The object here is to establish quantitative and kinetic relations between photoelectric aspects and the luminescence of the photo-semiconduction mechanism in the ZnS-Mn phosphor, which has the property of scintil-

lative deexcitation of luminescence. ZnS-Mn (10⁻³ g/g) placed in a capacitor is excited by two successive light flashes from two flash lamps positioned in front of a concave mirror. The interval between the light pulses is varied automatically from 0.1 to 10 sec. Intervals greater than 10 sec are regulated by hand. The first ultra-violet light pulse produces in the capacitor a current pulse corresponding to the motion of electrons in the direction of the incident beam. The second yellowish-green light pulse produces a signal whose amplitude depends on the time interval t dark to between the two light pulses. It reaches a maximum for a certain time Card (1/3)

S/181/62/004/011/018/049 B104/B102

The relation between the luminescence...

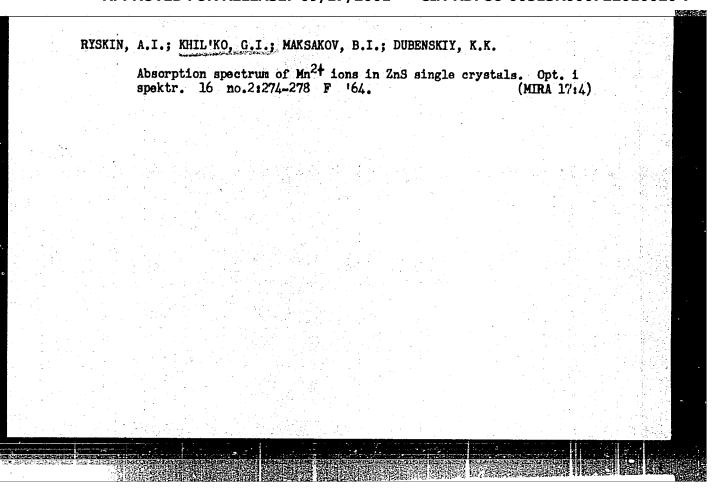
tmax increases rapidly with decreasing temperature; for $t_{\max} \to \infty$ the signal amplitude becomes zero. For t_{\max} the signal excited by the second pulse has opposite sign to that excited by the first light pulse. With increasing t_d ($t_d \ll t_{max}$) the signal of the second pulse becomes negative and goes through a maximum. The amplitude of the signal of the second light pulse is proportional to the light pulse but is independent of the ultra-violet light impulse. The signal of the second light impulse arises from the density gradient of the carriers localized in the excited state. The signs of the signals are the same for both light pulses. If, in the interval between the light pulses, infra-red light falls on the phosphor, t becomes shorter. Further, t depends on T in practically the same way as the scintillative deexcitation of the red lumin escence band of this phosphor. Both effects are interpreted as being due to the relocalization of the holes from the centers of the blue luminescence to those of the red. The depth of the "blue" hole levels is 0.67 ev and their frequency factor is $\approx 0.7 \cdot 10^{13} \text{ sec}^{-1}$. There are 4 figures.

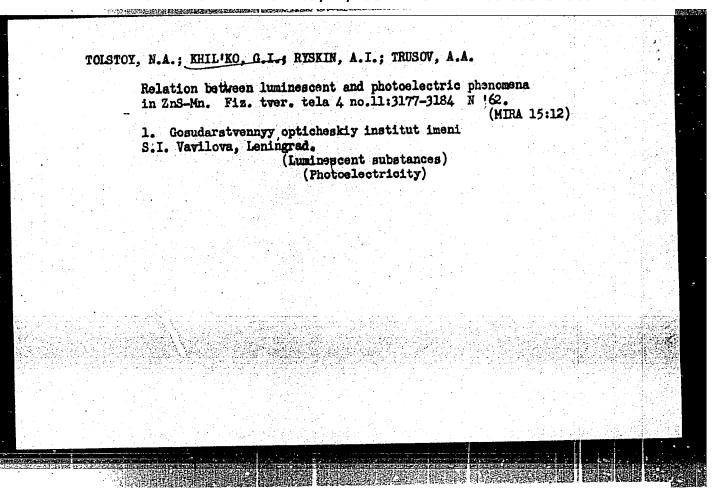
Card 2/3

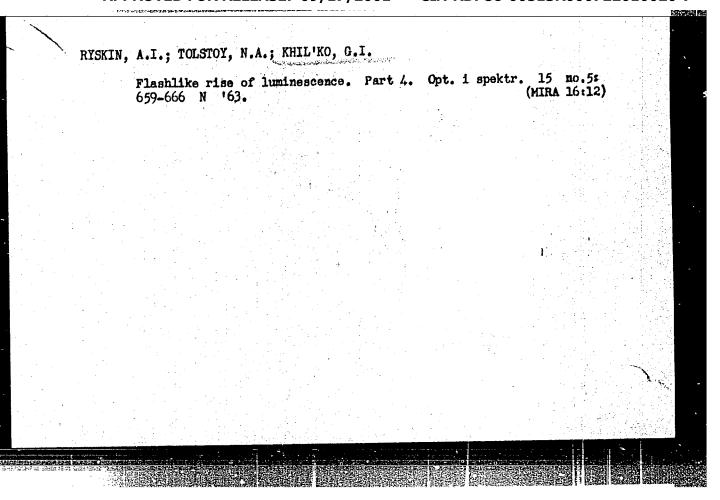
The relation between the luminescence... B/181/62/004/011/018/049

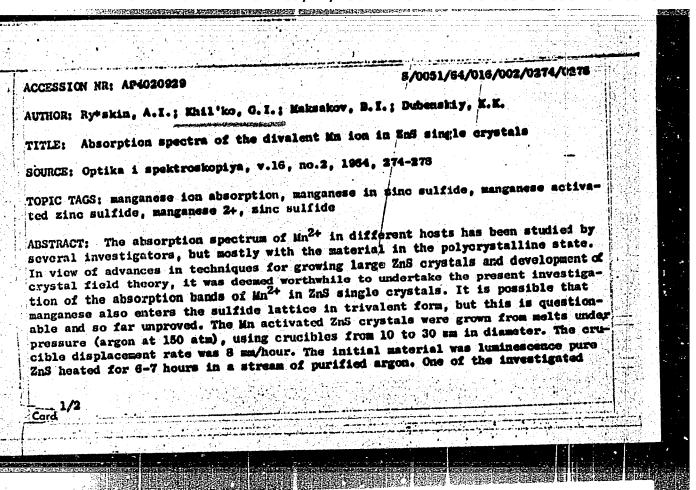
ASSOCIATION: Gosudarstvennyy opticheskiy institut im. S. I. Vavilova,
Leningrad (State Optical Institute imeni S. I. Vavilov,
Leningrad)

SUBMITTED: June 21, 1962

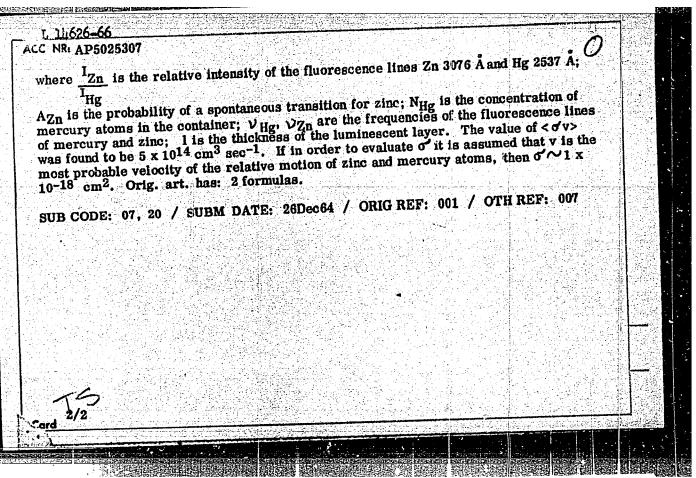








CCESSION MRs	repared with	ZuCla flux a	nd contained	2.4 atomic	percent Mn (intro-	
uced in the 1 ained 3.8 ato anded further	orm of MASO4) mic percent M into the lon	in. The intring wavelength	nsic (non-Kr region, pro) absorption bably due to	of the form the present	o of ex-	
ess zinc. The	spectra of c ctrophotomete	er and at lie	uid nitroge	(77°K) temp	erature and	liquid rature	1 1 1 1 1 1 1 1 1 1 1 1 1 1
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pectra were three tempera parallel and	by means or ecorded in poures and of the erpendicular above menticular	olarized lighthe structure to the cax oned crystal	it. Traces of the 21 is are repros	the absorpt 345 cm ⁻¹ band iuced. The st similar. Pive	ion spectra at 4.2°K for ructure of bands are	at the or B the spec- dentifi-	日本のでは、100mmのでは、100m
pectra were three tempera carallel and tra of the tweed, i.e., ass symmetry. The figures and	by means or ecorded in poures and of a erpendicular above mentionisted with structure of 1 table.	olarized lighthe structure to the cax oned crystal	it. Traces of the 21 is are repros	the absorpt 345 cm ⁻¹ band iuced. The st similar. Pive	ion spectra at 4.2°K for ructure of bands are in a field or riefly. Orig	at the or B the spec- identifi- f cubic art.has:	
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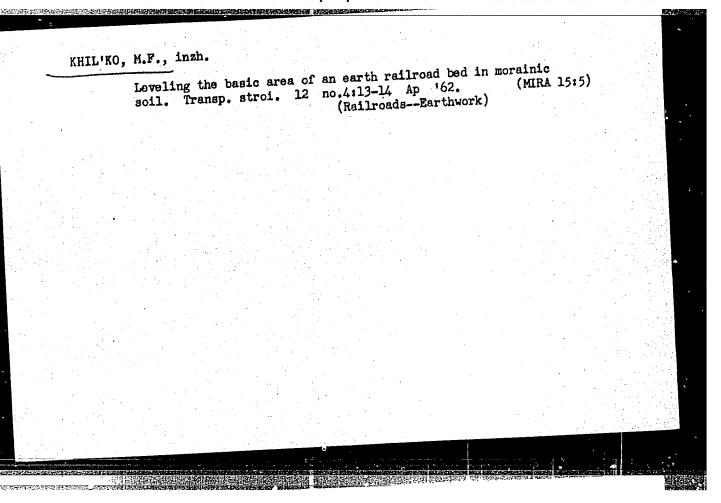
TSYGODA, I.M.; KAZAKOV, V.N.; KOLESNIKOV, N.A.; BRYUKHANOV, N.G.; BURBA, A.A.; SADYKOV, V.I.; PIGAREV, A.D.; Prinimali uchastiye: PECHENKIN, S.N.; GLAZACHEV, G.M.; KHVESYUK, F.I.; KODINTSEV, A.V.; YERGALIYEV, E.Ye.; YERMAKOVA, Z.S.; NOVAK, I.V.; KHIL'KO, I.Ye.; LYASHEVSKIY, R.A.; PROKHOROV, A.I.; CHERTOVA, N.G.; URUBKO, V.N.; KUGUCHEV, V.V.

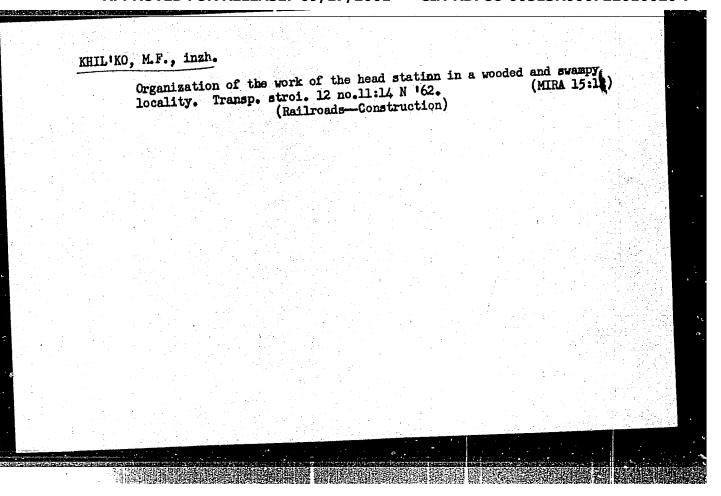
Industrial testing of a flow sheet for the processing of Altai complex metal ores along the lines of the flow sheet used at the Mednegorskii Combine. TSvet. met. 36 no.12:12-15 D 163. (MIRA 17:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy gorno-metallurgichaskiy institut tsvetnykh metallov (for Pechenkin, Glazachev, Khvesyuk, Kodintsev). 2. Irtyshskiy polimetallicheskiy kombinat (for Yergaliyev, Yermakova). 3. Mednogorskiy medno-sernyy kombinat (for Novak, Khil'ko, Lyashevskiy, Prokhorov, Chertova, Urubko, Kuguchev).

是一个人,我们就是这个人,我们就是我们的,我们就是我们的,我们就是我们的,我们就是我们的人,我们也不会的人,我们也不会会的,我们就是我们的人,我们就是我们的人, 第一个人,我们就是我们就是我们的人,我们就是我们的人,我们就是我们的人,我们就是我们的人,我们就是我们就是我们就是我们的人,我们就是我们就是我们就是我们的人,我们

1.	BURYASHINA, V KHILKO, M.	
2.	USSR (600)	
4.	Baking State of the state of th	
7.	Perfection of work methods and improvement of technical processes. Khol. tekh. 29	•
	no. 3, 1952 170 17	
· ;	- 보통 기계 - 보통 보호 기계 기계 전 기계 보통 함께 보통 기계	
	- B. B. H.	
	그는 그는 생각이 하는 사람은 사람들은 학생들이 하는 것이 되는 것이 되었다. 사람이 나를 가게 했다.	
9.	Monthly List of Russian Accessions, Library of Congress, January 1953, Unclassified.	
: 2000		semes.





AMTONOV, G.I.; MINKOVICH, B.D.; SHVARTSER, M.A.; SHAKHOV, G.S.; SEMENOV, I.N.; KHIL'KO, M.M.; MOLCHANOVA, M.I.

Production and service testing of kilned and non-kilned short forsterite bricks. Ogneupory 25 no.6:244-251 '60.(MIRA 13:8)

1. Ukraniskiy nauchno-issledovatel'skiy institut ogneuporov (for Antonov, Minkovich). 2. Fanteleymonovskiy ogneupornyy savod im. Kiroya (for Shvartser, Shakhov, Semenov). 3. Makeyevskiy metallurgicheskiy savod im.Kirova (for Khil'ko, Molchanova).

(Blast furnaces)

(Firebrick)

ZHUKOV, A.I., inzh.; KHIL'KO, M.M., inzh.; MERSHCHIY, N.P.; SHKLYAR, M.S.;
SLEZ, L.G.

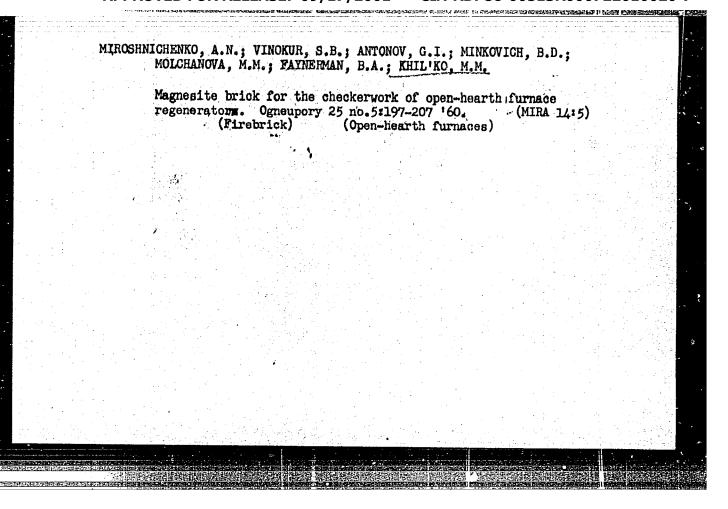
Practice of firing open-hearth furnaces with natural gas by the method of self-carburation. Stal' 21 no. 4:307-311 Ap '61. (MIRA 14:4)

(Open-hearth furnaces—Combustion) (Gas, Natural)

KHIL'KO, M.M.; SHKLYAR, M.S.

Firing open-hearth furnaces with a mixture of coke and natural gases. Metallurg 6 no.7:11-13 Jl '61. (MIRA 14:6)

1. Iz Informatsionnogo listka TSentral'nogo byuro tekhnicheskoy informatsii Stalinskogo sovnarkhoza. (Open-hearth furnaces) (Gas \$25 fuel)



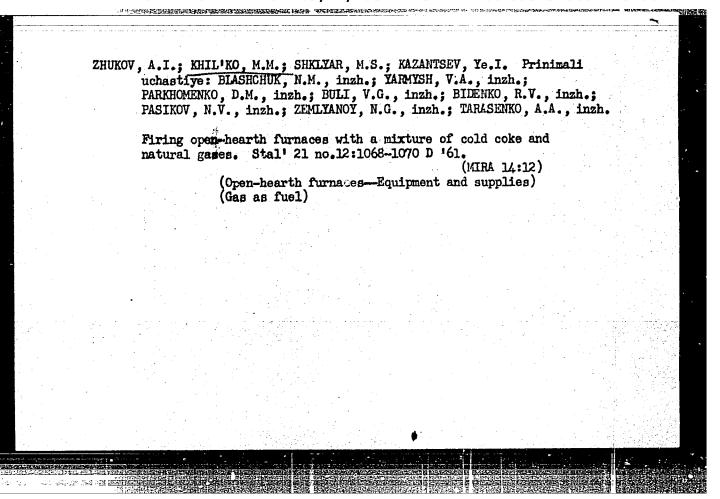
KULIK, A.I.; KARMANOVA, T.S.; YASTREMSKIY, I.S.; KHIL'KO, M.M.; PAPIN, T.I.

Application of paraffin to unfired magnesite nozzles and liners.
Ogneupory 26 no.31113-114 '61. (MIRA 14:4)

1. Chasov-Yarskiy kombinat ogneuporpykh izdeliy (for Kulik, Karmanova, Yastremskiy). 2. Makeyevskiy metallurgioheskiy zavod im. Kirova (for Kuli'ko). 3. Konstantinovskiy metallurgioheskiy zavod im.
Frunze (for Papin).

(Waterproofing) (Foundries—Equipment and supplies)

1. Makeyevskiy metallurgicheskiy zavod imeni Kirova (for Khil'ko). 2. Ukrainskiy nauchno-issledovatel'skiy institut ogneuperov (for Antonov). (Open-hearth furnaces) (Forsterite)		Use of forsterite checkers in high capacity open-hearth furnaces operating with oxygen. Ogneupory 27 no.3:141 '62. (MIRA 15:3)
	•	2. Ukrainskiy nauchno-issledovatel'skiy institut ogneuporov (for Antonov).



KHIL'KO, M.M., inzh.; ANTONOV, G.I., inzh.

Results of using forsterite checkers in open-hearth furnaces operating with oxygen. Met. i gornorud. prom. no.6:31-34 (MIRA 17:8)

1. Makeyevskiy metallurgicheskiy zavod im. Kirova (for Khil'ko).
2. Ukrainskiy nauchno-issledovatel'skiy institut ognauporov (for Antonov).

Use of unfired checker refractories. Met. i gornorud. prom.
no.3:37-40 My-Je '62. (MIRA 15:9)

1. Ukrainskiy institut ogneuporov (for Antonov). 2. Metallurgicheskiy
zavod imeni Kirova (for Khil'ko).
(Refractory materials)
(Open-hearth furnaces--Design and construction)

VECHER, N.A., inzh.; GERMAIDZE, G. Ye., inzh.; PANFILOV, M.I., dotsent;

KHIL'KO. M.M., inzh.; MERSHCHIY, N.P., inzh.; ALFEROV, K.S.., inzh.;

ANTONOV, S.P.; DIKSHTEYN, Ye.I.; YAGNYUK, M.I.; RELIKOV, K.N.;

GONCHAREYSKIY, Ya.A.; TRIFONOV, A.G.; SEDACH, G.A.

"Open-hearth plants with large-capacity furnaces" by D.A. Smoliarenko, N.I. Efanova. Reviewed by N.A. Vecher and others. Stal' 21 no.2:125-126 F '61. (MIRA 14:3)

1. Sverdlovskiy sovet narodnogo khozyaystva (for Vecher, Germaidze, Panfilov).

(Open-hearth furnace—Besign and construction) (Smoliarenko, D.A.) (Efanova, N.I.)

KHIL'KO, M.M.; MOLCHAROVA, M.I.; MACHKOVSKIY, V.A.

Making and operating a rammed bottom in open-hearth furnaces.

Met.i gornorud.prom. no.5:78-80 S-0 '62. (MIRA 16:1)

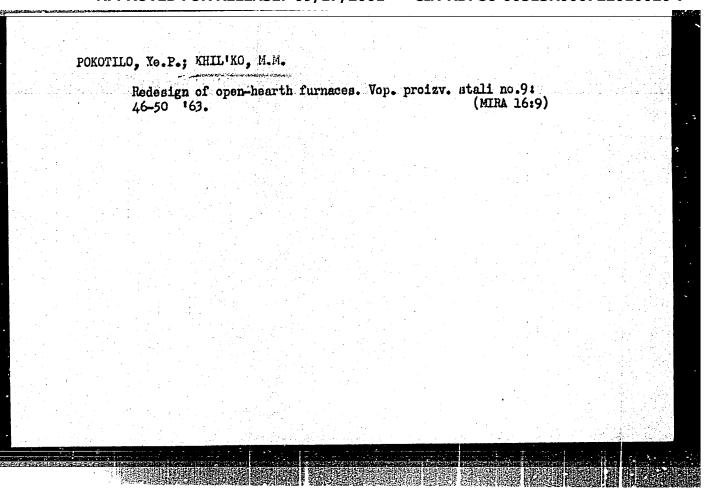
1. Makeyevskiy metallurgicheskiy savod imeni Kirova. (Open-hearth furnaces-Maintenance and repair)

Crown firebrick of a finely ground mixture of magnesite and chromite. Ogneupory 28 no.6:256-258 '63. (MIRA 16:6)

1. Makeyevekiy metallurgicheskiy zavod im. Korova (for Khil'ko, Molchanova). 2. Nikitovskiy dolomitovyy kombinat (for Kotik).

3. Dnepropetrovskiy metallurgicheskiy institut (for Lyudvinskiy, Koren, Kharchenko).

(Firebrick)



ANTONOV, C.I.; KOSOGOLOV, V.V.; NEDOSVITIY, V.P.; VINOGRADOV, N.I.; KHIL'KO, M.M.; MOECHANOVA, M.I.

New design of ribbed arches with reinforced supports. Metallurg 9 no.2:18-21 F '64. (MIRA 17:3)

1. Ukrainskiy institut ogneuporov i Makeyevskiy metallurgicheskiy zavod.

LYUDVINSKIY, A.I.; ROMANOVSKIY, L.B.; KOREN, L.N.; MISHCHENKO, V.S.;
FROLOVA, A.I.; KOTIK, P.L.; KHIL'KO, M.M.; MOLCHAROVA, M.I.;
VINOGRADOV, N.M.; PYLAYEV, S.V.; BEYGUL, Ye.I.; ROKHLIN, N.A.;
MASYUKOV, N.T.; EONDAR', V.I.

In the country's steelmaking plants. Metallurg 9 no.9:
16-19 S'64. (MIRA 17:10)

1. Saldinskiy metallurgicheskiy zavod (for Pylayev).
2. Zavod im. Dzerzhinskogo (for Beygul, Rokhlin).
3. Yenakiyevskiy metallurgicheskiy zavod (for Masyukov, Bondar').